



U.S. DEPARTMENT OF  
**ENERGY**

**Oak Ridge  
Office**

**Site-specific Information**  
**Energy Employees Occupational Illness  
Compensation Program Act (EEOICPA)**  
**Requests**

**Department of Labor**

**April 2015**



# Oak Ridge – Yesterday and Today



Based in Oak Ridge, Tennessee, the DOE Oak Ridge Office (ORO) has a rich history dating back to the World War II Manhattan Project.

Today, the site encompasses every major DOE program—science, environmental management, nuclear energy, and national security. With a FY2015 budget of \$2.9 billion, 13,000 federal and contractor employees, and a 33,500 acre footprint, 12 percent of the entire annual DOE budget is earmarked for Oak Ridge.

# Oak Ridge – Manhattan Project

Originally 58,762 acres of farmland in Roane and Anderson Counties 17 miles long and 7 miles wide purchased and named the Kingston Demolition Range – 1,000 families and over 3,000 persons displaced

Three separate valleys separated by Black Oak Ridge, Pine Ridge and Chestnut Ridge contained three new major production sites beginning in 1942 and name was changed to Clinton Engineer Works

X-10 - 1,500 workers

K-25 - 11,000 workers

Y-12 - 22,482 workers – produced U-235 fuel for “Little Boy” Hiroshima 1945  
and ... 110,000 construction workers

Major Administration Building called “The Castle on the Hill” (Groves Center)

Town of 9,000 acres at a cost of \$96,000,000 for Stone & Webster to build

Peak population 75,000 in May 1945

Over 850 buses covering 2,400,000 miles and 20,000 commuters

29 churches, 65 cemeteries, 10,000 residences, 13,000 dormitory spaces, 5,000

trailers, and 16,000 hutments and barracks spaces,

200 miles of streets, 35 miles of railroad with 3,000 cars and 105-man crew

# Oak Ridge – Castle on the Hill





# Oak Ridge – Atomic Energy Commission



# Oak Ridge: DOE's Complete Portfolio Today

## Major Operational Programs

- Science (SC)
- Environmental Management (EM)
- Nuclear Energy (NE)
- National Nuclear Security Administration (NNSA)

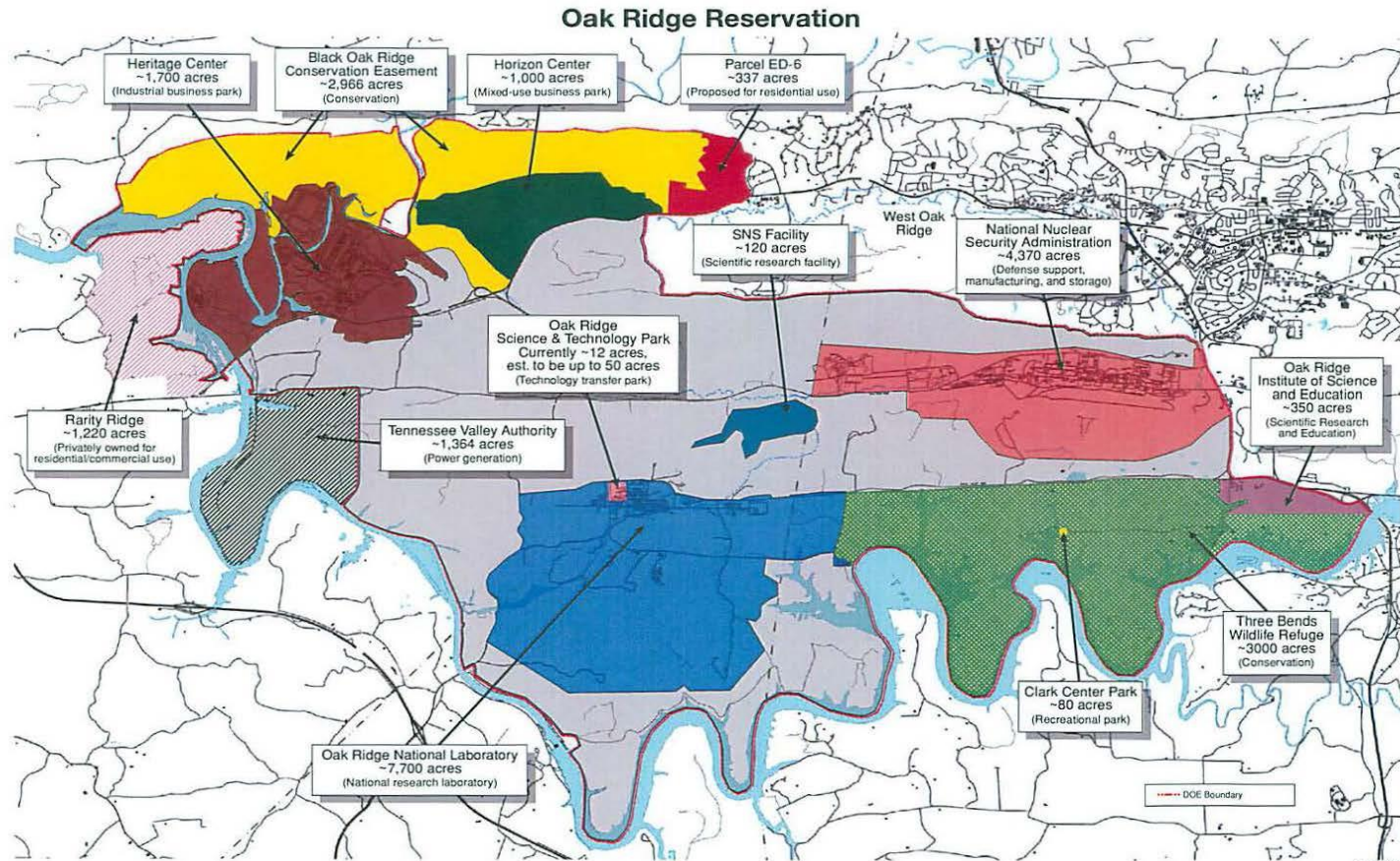
## Oak Ridge Service Center

- Supports SC laboratory site offices nationally
- Supports EM, NE, and SC locally
- Processes all payments for DOE
- Consolidates DOE HR program





# Oak Ridge: DOE's Footprint Today



# Oak Ridge's Impact

- **World Leading Research** to answer our nation's science and energy needs.
- **International Non-proliferation Efforts** to strengthen our nation's defense and national security.
- **Environmental Stewardship** to remediate damage from past operations.
- **Economic Engine and Partner** to advance research and education initiatives regionally and nationally.





# Oak Ridge Office

**ORO performs services for DOE programs in Oak Ridge, Office of Science site offices nationwide, and operates the DOE Financial Service Center.**

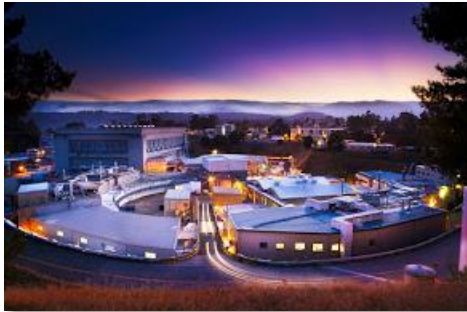
- Employee health and safety
  - Finance and budget
  - Human resources
  - Legal counsel
  - Procurement and contracts
  - Security and emergency management
  - Reservation management
- (33 acres of land and buildings located throughout Oak Ridge)**



# Oak Ridge Office Supports



**Thomas Jefferson National Accelerator Facility**  
Newport News, Virginia



**SLAC National Accelerator Laboratory**  
Menlo Park, California



**Pacific Northwest National Laboratory**  
Richland, Washington



**Oak Ridge National Laboratory**  
Oak Ridge, Tennessee

# East Tennessee Technology Park

## Core Missions

378 facilities have  
been demolished



Environmental  
cleanup



Reindustrialization

Land transfer





# Oak Ridge National Laboratory

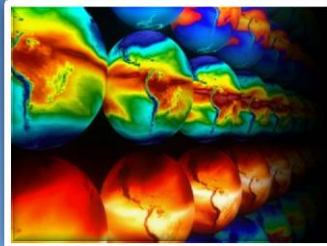
## Core Missions

Supercomputing

Advanced materials  
research

Climate modeling

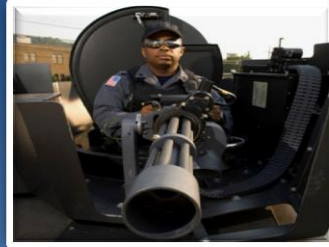
Renewable energy  
research





# Y-12 National Security Complex

Sustain a safe, secure  
and effective nuclear  
arsenal



Supply the U.S. nuclear  
Navy with enriched  
uranium feedstock

Prevent nuclear  
proliferation and  
nuclear terrorism

Solve global security  
challenges

Perform research &  
development



# Oak Ridge Institute for Science & Education

## Core Missions

Science education,  
research support,  
& peer review

Worker health &  
environmental  
assessments

National preparedness  
& emergency response





# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **Oak Ridge Institute for Science and Education (ORISE)**

Oak Ridge Associated Universities (ORAU) pursues scientific initiatives to research health risks from occupational hazards (Center for Epidemiology Research), assess environmental cleanup, respond to radiation medical emergencies, support national security and emergency preparedness, and educate the next generation of scientists. Historical facilities, sites and programs include:

- ... Oak Ridge Hospital (now Methodist Medical Center)

- ... Oak Ridge Institute for Nuclear Studies (ORINS) 3<sup>rd</sup> floor of the hospital

- ... Comparative Animal Research Laboratory (CARL)



# U.S. Department of Energy

## OAK RIDGE OFFICE

### Office of Scientific and Technical Information (OSTI)

OSTI, formerly the Technical Information Center (TIC), is a 133,000 square foot single story brick building in the warehouse district in Oak Ridge and has served as the Department's document repository for scientific and technical information since the 1950's.

Contains working documents from nuclear weapons facilities and scientific reports generated at government laboratories around the US.

Built by the Atomic Energy Commission as a warehouse in January 1948. Never housed radioactive materials but contamination may have come to the facility during the transfer of records from nuclear sites.

Hazards included Halon, asbestos, and microfiche, photo lab and print shop solvents and chemicals used in the production of materials for distribution to researchers. Also had a silver recycling program.







# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **ORO Legacy Sites and Programs**

- **S-50 Thermal Diffusion Plant, Tennessee**
- **Mallinckrodt Chemical Works, Missouri**
- **Fernald Feed Materials Plant, Ohio**
- **New Brunswick Laboratory, New Jersey**
- **Weldon Spring Remedial Action Project, Missouri**
- **Puerto Rico Nuclear Center, Puerto Rico**
- **Strategic Petroleum Reserve, Louisiana**
- **University of Tennessee Agricultural Laboratory, Tennessee  
(Cooperative Animal Research Laboratory)**
- **Formerly Utilized Site Remedial Action Program (FUSRAP)**
- **Clinch River Breeder Reactor, Tennessee**
- **Superconducting Super Collider, Texas**



# U.S. Department of Energy OAK RIDGE OFFICE

## ORO Legacy Sites and Programs

### S-50 Thermal Diffusion Plant





# U.S. Department of Energy

## OAK RIDGE OFFICE

### ORO Legacy Sites and Programs

#### S-50 Thermal Diffusion Plant Steam Supply







# U.S. Department of Energy OAK RIDGE OFFICE

## ORO Legacy Sites and Programs

### S-50 Top of Process Columns







# U.S. Department of Energy OAK RIDGE OFFICE

## ORO Legacy Sites and Programs

### S-50 Oil Tanks



## S-50 Thermal Diffusion Plant Facts and Figures

**“Liquid Thermal Diffusion” provided enriched feed material to the Y-12 Calutrons using convection to separate isotopes in thousands of tall columns.**

**Built by H.K. Ferguson Construction Co. in 70 days on the banks of the Clinch River next to the K25 Power House for access to steam.**

**Started up September 1944 and operated for one year at a cost of \$16 million**

**Enriched 0.7% U-235 to a little over 0.9%**

**1,600 employees of Fercleve Corporation (employment cards - Record Holding Area)**

**Process shut down after the war (facility records - Record Holding Area)**

**Building was then used for the Nuclear Energy Powered Aircraft (NEPA) experiment until 1951**

**Manhattan Project National Park – a Wayside Exhibit on the banks of the Clinch River will contain over 100 cubic yards of the S-50 Boiler House preserved chimney bricks**



# U.S. Department of Energy

## OAK RIDGE OFFICE

### ORO Legacy Sites and Programs

#### Clinch River Breeder Reactor



More than 1,300 acres on the banks of the Clinch River in Oak Ridge served as the site for a new government-industry partnership in the 1970's to build a sodium-cooled 975 megawatt thermal reactor with the capability of producing 375 megawatts of electricity.

The Clinch River Breeder Reactor project was authorized by Congress in 1972 with the purpose of generating a new mixed oxide fuel (Plutonium Oxide and Uranium Oxide) while generating electricity.

While the reactor did not become a reality, it demonstrated the capabilities of the Oak Ridge Office's staff to manage large projects with a high profile and national significance.





# U.S. Department of Energy OAK RIDGE OFFICE

## ORO Legacy Sites and Programs

Oak Ridge Hospital (now Methodist Medical Center)





# U.S. Department of Energy OAK RIDGE OFFICE

## ORO Legacy Sites and Programs

### Oak Ridge Institute for Nuclear Studies (ORINS)



Founded in 1946 as Oak Ridge  
Institute for Nuclear Studies

- Education – research fellowships
- Radiation and nuclear medicine
- Health physics
- Radiation emergency response

14 original member universities

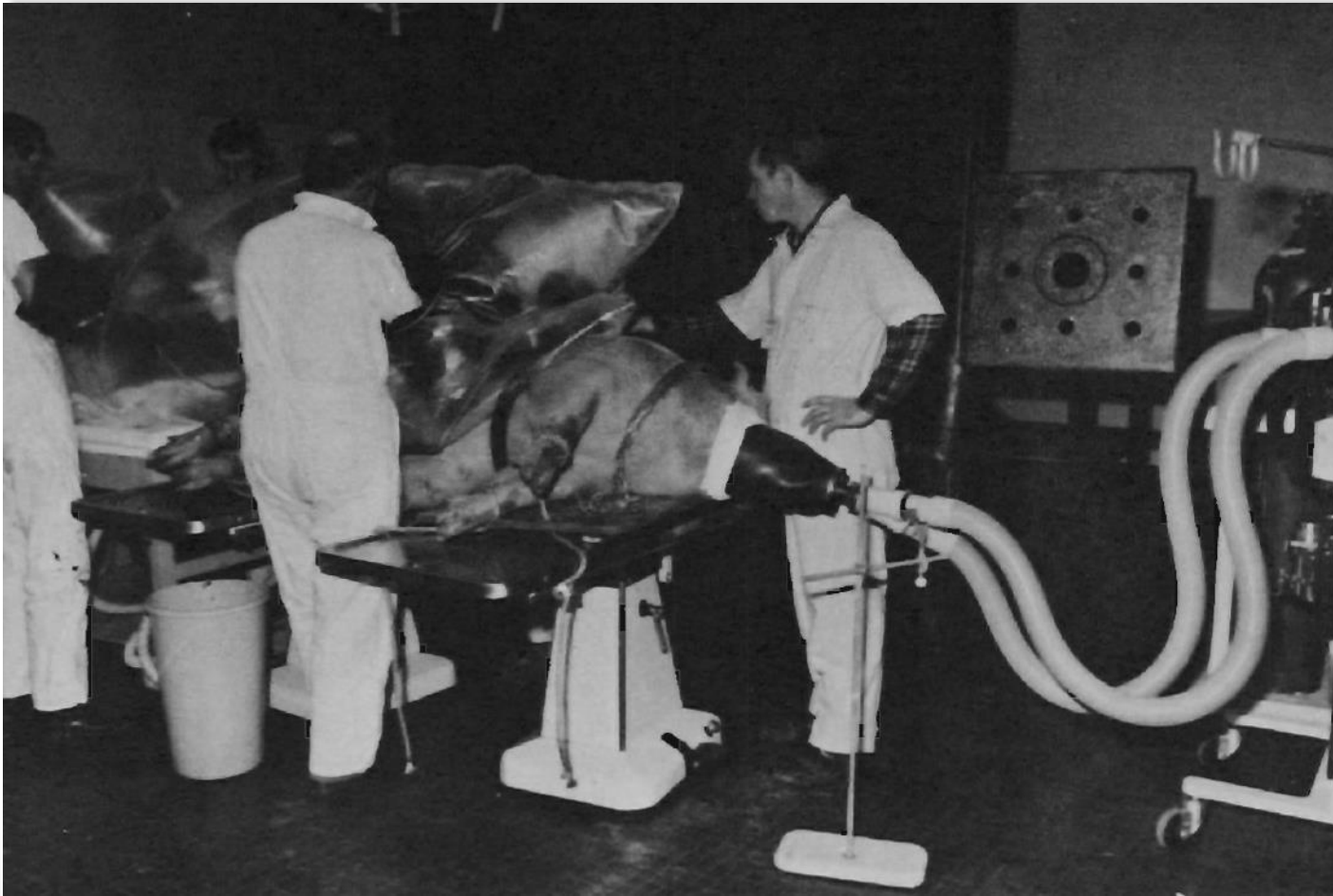




# U.S. Department of Energy OAK RIDGE OFFICE

## ORO Legacy Sites and Programs

### Comparative Animal Research Laboratory (CARL)







# U.S. Department of Energy

## OAK RIDGE OFFICE

### Other ORO Sites of Interest

#### Elza Gate



CN 5030 & L&N 1564  
Elza, TN 5/5/77

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## OAK RIDGE OFFICE

### Other ORO Sites of Interest

#### Elza Gate Warehouses –

*20 acres housing five warehouses near the intersection of Oak Ridge Turnpike and Melton Lake Drive and accessed by a L&N railroad spur and a road leading into the area*

Military guards used the warehouses during shifts at Elza Gate and were monitored for exposure

- Contaminated when the MED and the AEC stored uranium ore and ore-processing residues there between 1944 and 1972 before the warehouses were demolished and only concrete pads remained – laborers were monitored for exposure
- 1980-1990 Comprehensive surveys revealed U-238, radium and thorium contamination above DOE guidelines in concrete, road surfaces, and soil – PCBs were also found
- Remediation in 1991-1992 under the Formerly Utilized Sites Remediation Action Program (FUSRAP)



# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **Other ORO Sites of Interest**

**Boeing Plant is a high bay structure located on the south side of Oak Ridge used to manufacture, balance, and test centrifuge machines**

**Opened in 1981 to support manufacturing of centrifuges until DOE canceled the program in the mid 1980's – never contained radioactive materials**

**Boeing began making parts for commercial airliners, including flight deck consoles, forward instrument panels and aisle stands, for Boeing 737, 747, 767, 777, and 787 until it moved its aircraft operations to other US locations**

**Made defense products and other products for USEC until 2007 when BWXT Technologies took over from Boeing**

- Site is currently renovated and operated by the United States Enrichment Corporation (USEC) and is now known as the American Centrifuge Technology and Manufacturing Center**





# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **Other ORO Sites of Interest**

**Transuranic Waste Processing Center (TWPC) is located in Melton Valley near ORNL**

**Built by Foster Wheeler, started operations under Isotek, and is currently operated by Wastren Advantage Inc.**

**Regional center for the management, treatment, packaging and shipment of DOE TRU waste legacy inventory**

**Manages and treats Low Level and Mixed Low Level waste generated at ORNL.**

**Waste workers are monitored for radiation exposure**



# U.S. Department of Energy

## OAK RIDGE OFFICE

### ORO Legacy M&O and Prime Contractors

1940's ...	Stone & Webster, Turner Construction, J. A. Jones, H.K. Ferguson Roane Anderson, Skidmore, Owings and Merrill Architects Fercleve (S-50 Plant) W-7409-ENG-100 Kellex (OR Gaseous Diffusion Plant) W-7405-ENG-23 Tennessee Eastman (Clinton Engineering Works) 1943-1947 E.I. DuPont de Nemours (Graphite Reactor) W-7421-ENG-23 Monsanto (Clinton Laboratories) W-7404-ENG-146
1950's ...	Carbide and Carbon, Maxon, Rust Engineering, Fairchild Engineering & Aircraft
1970's ...	Union Carbide Corporation
1980's ...	Martin Marietta Corporation , Boeing, Garrett, Combustion Engineering, Goodyear Aerospace
1990's ...	Martin Marietta Energy Systems Lockheed Martin Energy Systems Lockheed Martin Energy Research Bechtel Jacobs Company LLC MK Ferguson
2000's ...	UCOR URS CH2M, LLC BWXT Y-12, LLC Consolidated Nuclear Services (CNS) UT-Battelle, LLC



# U.S. Department of Energy

## OAK RIDGE OFFICE

### Some ORO Legacy Subcontractors of the Manhattan Project

M.W. Kellogg, Linde Air Products, Vanadium Corp., Electro Metallurgical, Bakelite Corp., National Carbon, A.S. Schuman Electric, William A. Pope, Foundation Co., Bethlehem Steel, Combustion Engineering, Research Corp., Allis-Chalmers, General Electric, Westinghouse, Atlas Powder, Atlas Point, Hercules Powder, Higgins Aircraft, Pratt & Whitney Aircraft, Glenn L. Martin Co., US Rubber, Hooker Electro-Chemical, Harshaw Chemical, Chrysler Corp., Houdaille-Hershey, Mallinckrodt Chemical Works, Iowa State College, University of Chicago, University of California, Harrison Construction, Ralph Rogers Co., Transit-Mix Concrete Corp., D.W. Winkleman, Karl Koch Erecting Co., Struse & Co., Fluor Corp., Watson-Flagg Engineering, Hanley & Co., Rockwood Sprinkler Co., Tennessee Roofing Co., Bristol Steel & Iron Works, Drainage Contractors, Inc., Sullivan, Long & Haggerty, Edenfield Electric, Turner & Ross Co., Pittsburg Pipe & Equipment, National Valve Co., Tri-State Asbestos Co., Pacific Pump Co., Grinnell Corp., Westinghouse, Mehring & Hanson Co., Foster & Creighton, Harrison Construction Co., Oman-Creighton Co., Wolfe-Michael Construction Co., Virginia Bridge Co., Lambert Brothers, Birmingham Slag Co., Cooney Brothers, Bryant Electric Co., Midwest Piping & Supply, Taylor Instrument, American Machine Defense Corp., Valley Iron Works, F.J. Stokes Machine Co., Beach-Russ Co., Wolverine Tube, Calumet, Hecla Consolidated Copper Co., Du Pont, Columbia University, Johns Hopkins, Purdue, Princeton, Poe Piping & Heating, G.G. Ray & Co., Kerby-Saunders, Inc., Ce-Mas-Co Floor Co., O'Driscoll & Grove, Inc., John A. Johnson & Sons, Clinton Home Builders, A. Farnell Blair, Rock City Construction





# U.S. Department of Energy

## OAK RIDGE OFFICE

### Some AEC, ERDA and DOE subcontractors

Johnson and Willard, A.M. Kinney, Inc., Vitro Engineering Co., Charles Hobson Co., Guaranteed Waterproofing Co., Mag-Bestos Co., Roy C. Smith Tile Co., Templin Equipment Co., R.E. Whedbee Plastering Co., O.G. Kelley and Co., Austin Co., Carl S. Helrich Construction Co., Roehl Construction Co., Broadway Electric Co., Construction Materials Lab., Kaiser Engineers, Mid-South Engineering, National Engineering Science Co., National Tube Co., Southwest Research Institute, Tennessee Valley Authority, South Central Bell, Bell South, US West, Williams Construction Co., H.E. Anning Co., Brooks-Fisher Insulating Co., Carlson Manufacturing Inc., Crawford & Slaten Co., International Chimney Corp., Patchen & Zimmerman Engineers, Southeastern Inc., Templin Equipment Co., Tennessee Armature and Electric Co., V.L. Nicholson Co., Brooks-Fisher Insulating Co., Templin Air Conditioning Co., Breeding Insulation Co., John F. Humphrey Co., Winfrey Brothers, Automatic Sprinkler Corp., Temperature Control Inc., York Corp., Temperature Control Inc., Henry A. Ivey, Inc., Len Herndon Co., North Brothers, Catalytic Construction Co., Rentenbach Engineering Co., A. Dierks & Co., McPherson Co., Moorer Construction Co., Adache Engineers, Giffels & Valle, Vallet & Rossetti; Mid-South Pavers, Henry C. Beck Co., Vickers Construction Corp., Kaminer Construction Co., R.L. Overman, Troy Construction Malan Construction, Elevator Sales & Service Co., Burns & McDonnell Engineering Co., High Point Sprinkler Co., H.R. Boatman, General American Transportation Co., W.K. Hailey & Co., Ridge Electric, Singmaster & Breyer, R.S. Hickson (aka Hixson), Knoxville Southeast Construction, Goder Equipment Co., Marley Construction Co., Atomics International, Lee Construction Co., American Steel & Wire, E.F. Hauserman Co., Roach Plumbing & Heating Co., Chattanooga Boiler & tank Co., Garland Sherman, John F. Humphrey Co., Bowman Construction Co., Hagaman Electric Co., Lang Construction Co., Fred E. Hicks Construction Co., Johnson & Willard, Lonas Electric Co., Kaminer & Helgerson Co., A.F. Lookout Mountain, B & G Olsen Co., Fluor Products Co., Orleans, Sam & Associates, Inc., Otis Elevator Co., Blount Brothers, Knappen-Tippets-Abbett-McCarthy, H.J. Kaiser Co., Taylor Engineering, Holden Construction, Nuclear Development Associates, Management Services, Inc., Farrel Corp-Watson-Stillman Press Division, Port Sprinkler Co., G.E. Caffee Drilling Co., Oil Center Tool Co., Lane-Wells Co., Haliburton Co., Sargent Building Specialties Inc., Lilie-Hoffman, Johnson Controls, Nuclear Controls, Inc., Lockwood Greene, Science Applications International, Parallax, Pro2Serve, Maxima, C. J. Health, Energy Solutions, Analysas ...



# U.S. Department of Energy

## OAK RIDGE OFFICE

### Early Construction Worker Labor Unions

International Association of Heat and Frost Insulators and Asbestos Workers

International Brotherhood of Boiler Makers, Iron Ship Builders and Helpers

Bricklayers, Masons and Plasterers International Union

United Brotherhood of Carpenters and Joiners

International Brotherhood of Electrical Workers

International Union of Elevator Constructors

International Union of Operating Engineers

International Association of Bridge, Structural and Ornamental Iron Workers

International Hod Carriers, Building, and Common Laborers Union

Wood, Wire and Metal Lathers International Union

Brotherhood of Painters, Decorators and Paperhangers

Operative Plasterers and Cement Finishers International Association

United Slate, Tile and Composition Roofers, Damp & Waterproof Workers Association

United Association of Journeymen Plumbers and Steam Fitters

Sheet Metal Workers International Association

International Association of Teamsters, Chauffeurs, Warehousemen and Helpers

Building Trades Department of AFL

International Association of Machinists

International Brotherhood of Firemen and Oilers



# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **ORO Worker Health Programs**

**Former Worker Screening Programs**

**State of Tennessee Health Studies**

**Beryllium Worker Program**

**Search for Human Radiation Experiments**

**EEOICPA – DOL and NIOSH Data Capture Requests**

**Epidemiology Studies - DHHS, CDC, NIOSH, ATSDR**

... cohorts such as centrifuge, sheet metal, barrier, carpentry and pregnant workers; and hazards such as workplace stress, mercury, lead, nickel, arsenic, phosgene, ionizing radiation ...





# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **DOE-ORO EEOICPA Team**

**Amy Rothrock – DOE Oak Ridge Office (Federal)**

**Jill Johnson – BEI-JES Oak Ridge, LLC (BJOR)**

**Wensday Henderson – BEI-JES Oak Ridge, LLC (BJOR)**

**Pat Veler – Oak Ridge Institute for Science and Education (ORAU)**

**Heidi Fritch – Oak Ridge National Laboratory (UT-Battelle)**

**Greg Livengood – Y-12 National Nuclear Security (CNS)**

**Peggy Parten – East Tennessee Technology Park (UCOR URS CH2M)**



# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **Responding to Requests**

Site expertise and corporate knowledge regarding current and former cohorts of workers, site terminology and acronyms, names of contractor and subcontractor companies associated with each site and activity performed; materials used and exposure hazards for different activities at different sites for different job duties; types, ages, and conditions of facilities and equipment; and finding aids to records going back to 1942 are critical in evaluating claims and developing a reasonable search strategy for each information request.



# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **DOE Worker Records Searches K-25 (includes shadow files)**

- **Personnel Records of current employees and former Bechtel Jacobs employees 1994-present (prior to 1994 are at Y-12)**
- **Site visitor logs (starting date unknown)**
- **Dr. Mancuso files (copies of medical and personnel records of contractors from 1940's gathered for health studies)**
- **85 percent of radcon records copied in a database on Paducah and Portsmouth employees**
- **Site-wide radcon database shared with ORISE, Y-12, and X-10**
- **Radcon records on current and former from approximately 1950 to the present – mostly electronic reports**
- **Radcon records on subcontractors who were monitored at K-25**
- **Medical, industrial hygiene, payroll, and occupational illness/incident records of current and former employees of K-25, including those who transferred lastly to K-25 prior to termination of employment (files follow the individual to last site worked)**
- **K-25 Insurance Files (auto and other accidents/incidents during the Manhattan Project)**





# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **DOE Worker Records Searches X-10 (includes shadow files)**

- **Personnel Records of current and former employees from approximately 1950 to the present**
- **Site Visitor logs from approximately 1985 to the present, including handwritten logs**
- **Site-wide radcon database shared with ORISE, Y-12, and K-25**
- **Radcon records on current and former employees from approximately 1950 to the present consisting of microfiche, IBM punch cards and handwritten records**
- **Radcon records on subcontractors who were monitored at X-10**
- **Medical, industrial hygiene, payroll, and occupational illness/incident records of current and former employees of X-10, including those who transferred lastly to X-10 prior to termination of employment (files follow the individual to last site worked)**



# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **DOE Worker Records Searches Y-12 (includes shadow files)**

- **Personnel Records of current and former employees from approximately 1950 to the present**
- **Personnel Records of former K-25 employees prior to 1994**
- **Site Visitor logs (starting date unknown to present at Hope Center)**
- **Site-wide radcon database shared with ORISE, X-10, and K-25**
- **Radcon records from approximately 1950 to the present**
- **Radcon records on subcontractors who were monitored at Y-12**
- **Medical, industrial hygiene, payroll, and occupational illness/incident records of current and former employees of Y-12, including those who transferred lastly to Y-12 prior to termination of employment (files follow the individual to last site worked)**
- **Some but not all records of RUST Engineering, Maxon, H. K. Ferguson and other construction workers 1950's to 1980's**



# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **DOE Worker Records Searches ORAU**

- **Personnel and Pay Records of current and most former scientists and students in research programs from approximately 1970's to present**
- **Basic work histories 1943-present contained in the ORISE Database on 69 sites across the country gathered for cohorts in health studies from old personnel security files**
- **Site-wide radcon database shared with Y-12, X-10, and K-25**
- **Copies of radcon records from approximately 1950 to the present for various sites**
- **NRC radcon records of some nuclear workers (TVA, Allied Chemical in Metropolis, Nuclear Fuel Services in Erwin, TN)**
- **Radcon records on some subcontractors who were monitored at sites included in the ORISE database**
- **Medical, industrial hygiene, payroll, and occupational illness/incident records of current and former employees of the Museum, ORAU, Oak Ridge Hospital (prior to privatization), ORINS, UT-AEC Agricultural Farm, C.A.R.L., including those who transferred lastly to ORAU prior to termination of employment (files follow the individual to last site worked)**
- **Radiation Surveys of closed sites under Legacy Management (FUSRAP)**





# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **DOE Worker Records Searches ORO HR (AD-44) and Security (OS202)**

- **Personnel and medical records of current federal employees (X-rays are at X-10)**
- **Service records of former DOE, ERDA and AEC employees (shadow files)**
- **Remainder of personnel and medical files are at NARA Federal Personnel Records Center**
- **Some radiation exposure records of current and former federal employees are at Y-12 if they were monitored**
- **Personnel Security Files of current and former federal, contractor, and subcontractor employees up to five years after termination of employment including Paducah and Portsmouth**
- **Personnel Security Clearance Database consists of clearance histories going back to 1980 for all of the above, including those who transferred to NNSA Albuquerque**



# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **DOE Records Holding Area (RHA)**

**Over 10,000 cubic feet of inactive records**

**All EE-5, DAR, SEC, and SEM searches include the RHA**

*Facility records on historical sites, old contracts, and programs*

*Both electronic and paper finding aids (RHTG Database, SF-135s)*

*Limited worker records for some former Atomic Weapon Employers*

*... personnel, medical, radiation exposure, and similar files*

*Personnel Security Clearance Assurance Index Card File (80 drawers) going back to 1943 for MED, AEC, ERDA federal and contractor employees at legacy sites (often the only way to verify employment or contractual relationship on Atomic Weapon Employer workers who terminated in the 1940's-1950's)*

*BNFL worker radcon records and terminated Wackenhut (WSI) guards medical records up to 2013*



# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **Summary of EEOICPA Request Processing**

**Downloaded from SERT and checked for accuracy, then evaluated to determine all locations likely to have records**

**Sent electronically to POCs with due dates (45 days).**

**Status of site responses tracked in SERT comments field such as past due, expedited, terminal, and DOL and NIOSH queries.**

**Search results and required signatures of site record custodians are returned to BJOR electronically for further processing.**

**Search results sorted by type of claim (EE-5, DAR, NIOSH, NIOSH Site Visitor, NIOSH Supplemental) are uploaded to SERT.**





# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **EEOICPA Site Requests Prior to SERT**

**Data Beginning in 2005 prior to launch of SERT**

<b>29,338</b>	<b>ORO, ORAU, OSTI, RHA, TJNAF, SLAC</b>
<b>11,503</b>	<b>Oak Ridge National Laboratory (X-10)</b>
<b>19,243</b>	<b>Oak Ridge Gaseous Diffusion Plant (K-25)</b>
<b>16,991</b>	<b>Y-12 National Nuclear Security Site (Y-12)</b>
<b>6,961</b>	<b>Paducah Gaseous Diffusion Plant (now PPPO)</b>
<b>6,945</b>	<b>Portsmouth Gaseous Diffusion Plant (now PPPO)</b>



# **U.S. Department of Energy**

## **OAK RIDGE OFFICE**

### **Challenges for EEOICPA at ORO**

- ... managing costs and efficiencies**
- ... improving technology (advanced SERT capabilities)**
- ... facilitating access to information and site facilities**
- ... being responsible and accountable**
  - ... protecting personal privacy**
  - ... adhering to deadlines and adequacy of the searches**
- ... being responsive**
  - ... to our client agencies**
  - ... to our claimants**
- ... an ever-changing agency outlook for existing programs**



# U.S. Department of Energy

## OAK RIDGE OFFICE

### Questions?

- Badge numbers, dosimetry badge (TLD) numbers, employee ID numbers (i.e. SSN) and security clearance numbers; advantages of HSPD-12 (PIV)--*one-number for everything*
- Differences between ORINS and Oak Ridge Hospital facilities where SEC dates overlap
- Verifying employment at one facility (site presence) when a worker is assigned to another facility
- Verifying employment when contractors take records with them when they leave
-